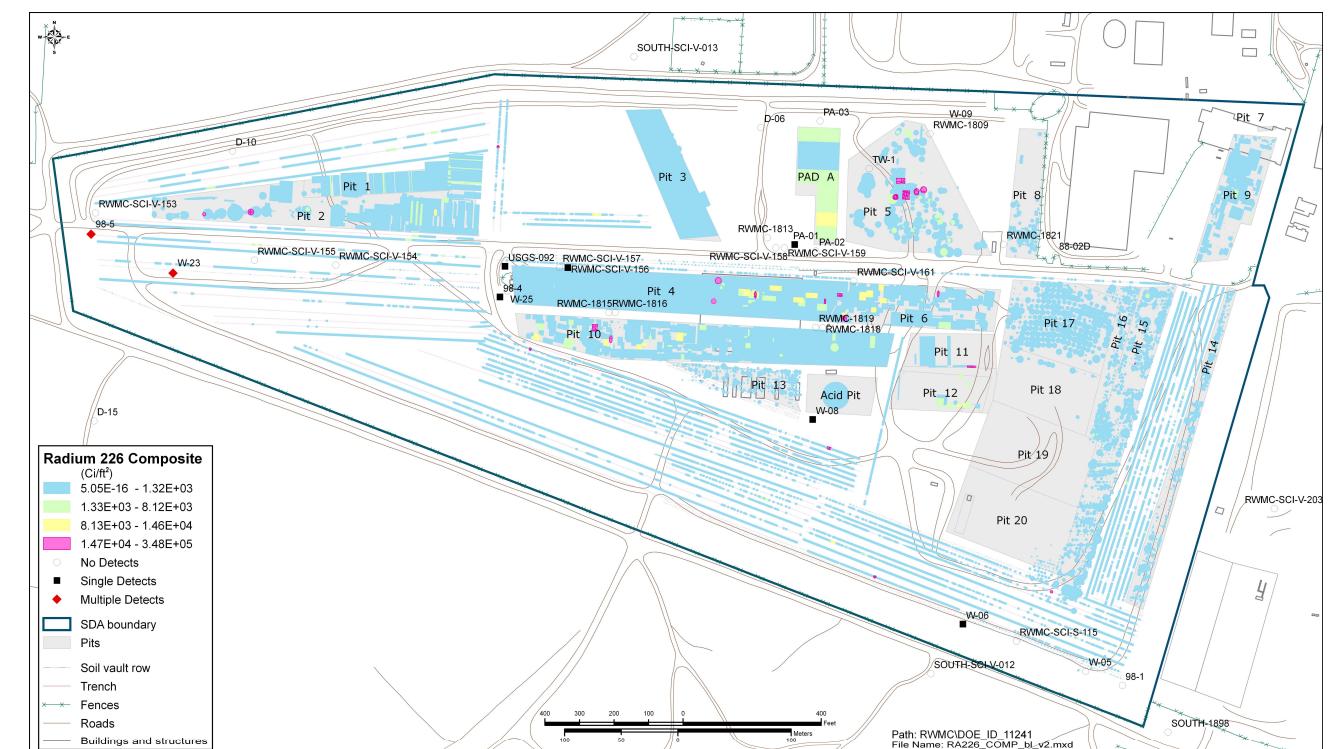
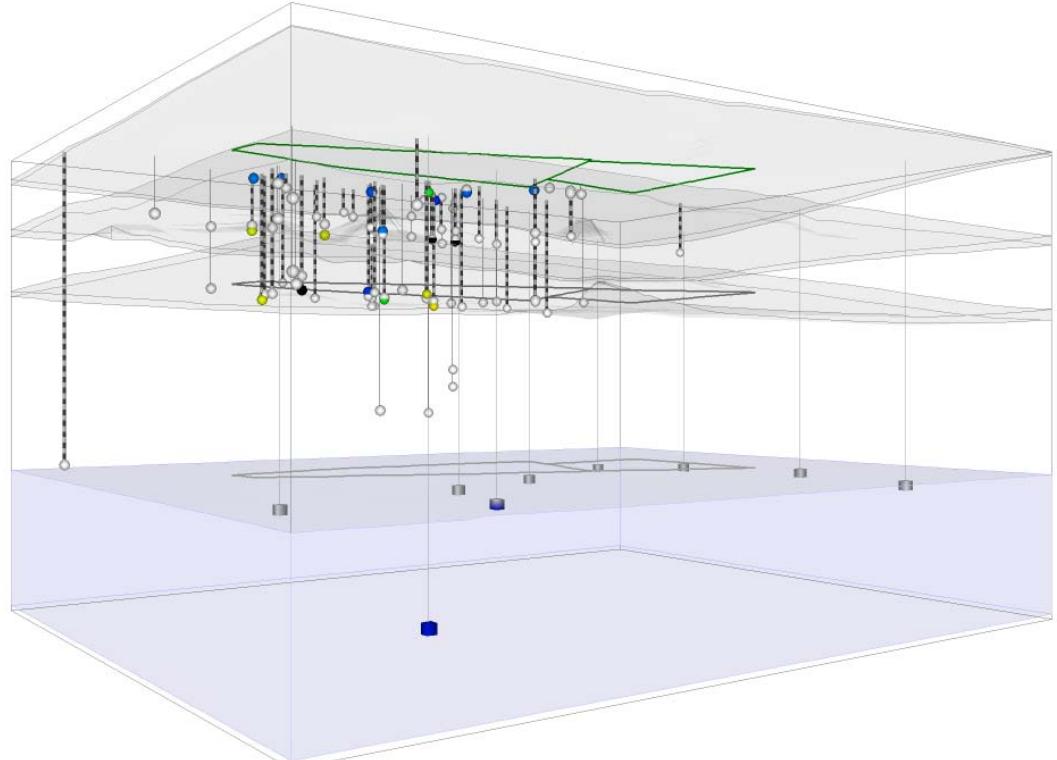
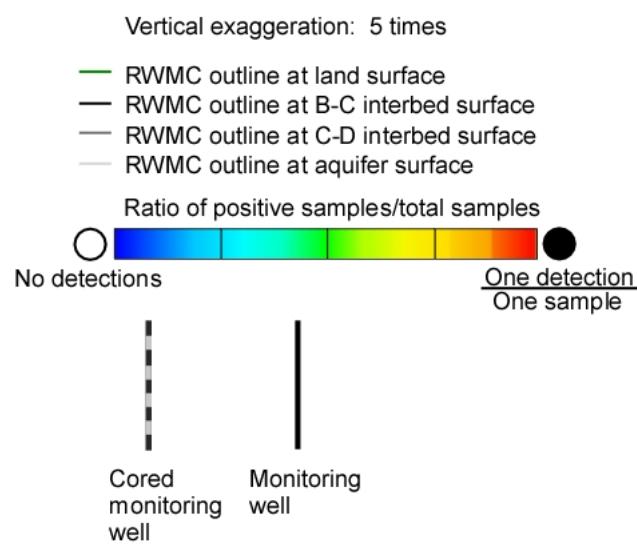
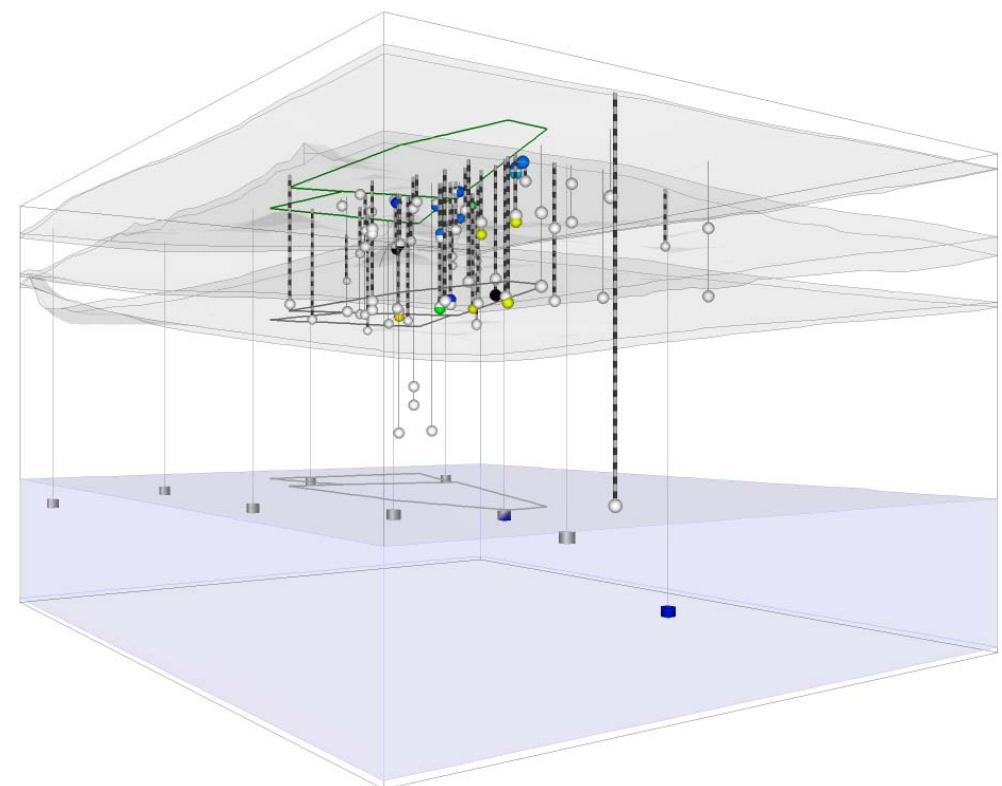


Waste streams containing plutonium-239 and plutonium-240.

Waste Stream Code	Pu-239 Portion in Waste Stream (%)	Pu-239 Inventory (Ci)	Pu-240 Portion in Waste Stream (%)	Pu-240 Inventory (Ci)	Waste Stream Description
RFP graphite	26.0	1.67E+04	25.5	3.72E+03	Molds, crucibles, and scarlings
RFP Type III	18.6	1.19E+04	18.1	2.64E+03	Filters
RFP Type I and V	17.5	1.12E+04	17.2	2.50E+03	Debris
RFP LGW	14.5	9.31E+03	14.3	2.09E+03	Line-generated waste (e.g., gloves and glove boxes)
RFP 741	11.6	7.42E+03	11.4	1.66E+03	Series 741 and 742 sludge (inorganic first- and second-stage sludge)
RFP	10.2	6.54E+03	10.0	1.46E+03	Other Rocky Flats Plant waste (see Tables 4-5)
Miscellaneous	1.7	1.08E+03	3.5	5.03E+02	Non-Rocky Flats Plant waste (see Tables 4-4)
<b>Totals</b>	<b>100.0</b>	<b>6.41E+04</b>	<b>100.0</b>	<b>1.46E+04</b>	

Figure 4-102. Plan view and three-dimensional views of plutonium-239/240 detections in vadose zone core, lysimeters, and the aquifer.



#### Waste streams containing radium-226.

Waste Stream Code	Portion in Waste Stream Activity (%)	Inventory (Ci)	Waste Stream Description
OFF-USN-1H	66.4	4.33E+01	Animal carcasses, waste paper towels, glassware, tools, and similar laboratory items
OFF-ISC-1H	15.3	1.00E+01	Magnesium-thorium scrap, laboratory equipment, and sources
OFF-AEF-1H	10.2	6.67E+00	Scrap metal, combustibles, glass, and concrete
OFF-DPG-1H	5.1	3.33E+00	Animal and laboratory waste
OFF-HEW-1H	1.5	1.00E+00	Radium-contaminated laboratory waste
Miscellaneous	1.5	9.50E-01	Various waste types
<b>Total Ra-226</b>	<b>100.0</b>	<b>6.53E+01</b>	

Figure 4-103. Plan view and three-dimensional views of radium-226 detections in vadose zone core, lysimeters, and the aquifer.